GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:763
ANSWERED ON:27.11.2014
NATIONAL WIND ENERGY MISSION
Rai Shri Prem Das

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the potential and installed capacity for wind energy in the country, including the North-Eastern Region, State-wise;

(b) whether the Government proposes to launch the National Wind Energy Mission for promotion of wind energy;

(c) if so, the details thereof including the salient goals of the proposed mission and the expected time of launch;

(d) the details of steps proposed to be taken by the Government to operationalise the goals enumerated therein in a time bound manner; and

(e) the details of other steps taken by the Government in this regard particularly measures to address the key challenges in harnessing wind energy, strengthen grid infrastructure and to address financing issues for wind power including incentives provided for the purpose particularly in North-Eastern Region?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): As per the meso-scale Wind Atlas, the country has a wind power potential of 1,02,788 MW at 80 m. This is to be validated through field measurements. So far, 22,167 MW wind capacity has been installed. The state-wise break-up is given at Annexure. Wind installation in some states including North-Eastern region have not taken place as the field measurements in those states are not yet completed and states have not announced policies for private sector investment.

(b): Yes, Madam.

(c): The details of the National Wind Energy Mission including goals and time frame for its launch are under examination in the Government.

(d): The Mission will take up various activities in wind power development in a focused and structured manner including extensive wind resource assessment, grid-integration, strengthening manufacturing base, fiscal and promotional incentives, offshore wind power development, re-powering of old turbines, and land availability etc.

(e): The Government facilitates wind power development by providing fiscal and promotional incentives, conducive policy environment and technical support through the National Institute of Wind Energy (NIWE, erstwhile C-WET). The Generation Based Incentive (GBI) and Accelerated Depreciation (AD) benefits have been reinstated. In North-Eastern region, wind resource assessment activities are going on. The states have to announce the policies for attracting private sector investment.